

# EOHA Annual Scientific Meeting 2026

## Scientific Programme

Madrid, Spain | May 18–20, 2026

Day 1 - 18 May 2026	
14.00h - 14.30h	<b>OPENING CEREMONY</b> <b>Arjen van de Giessen</b> (President EOHA) <b>Carlos Gonçalo das Neves</b> (EFSA chief scientist and EFSA management team) <b>José María Martell Berrocal</b> (Vice-Presidency for Innovation and Transfer, CSIC)
<b>SESSION 1</b> <b>Joining Environmental Sciences and Ecology with Human/Animal Health</b>	
14.30h - 15.00h	<b>KEYNOTE LECTURE 1</b> <b>Ana Maria de Roda Husman</b> , Centre for Infectious Disease Control (CIb), National Institute for Public Health and the Environment (RIVM), The Netherlands
15.00h - 16.00h	<b>PANEL DISCUSSION / ROUND TABLE 1.</b> <b>Environmental Health as the Missing Pillar of One Health</b>  <b>MODERATOR: Hein Imberechts</b> , Vice-president of EOHA, Sciensano, Belgium  <b>PANELLISTS:</b> Ana Maria de Roda Husman (RIVM, Netherlands), Ricardo Carapeto (AEMPS, Spain), Carlos das Neves (EFSA), Jordi Figuerola (EBD-CSIC, Spain), Pablo Sagredo (United Nations Environment Programme -UNEP)
16.00h - 16.30h	COFFEE BREAK
16.30h - 18.30h	<b>SESSION 1</b> <b>Selected oral presentations</b>  <ul style="list-style-type: none"> <li>- “Living environment-related risk factors for zoonotic pathogen infection in humans and animals” - <b>De Cock, M. et al.</b></li> </ul>

**ePoster Exhibition – Permanent display in the main hall**

## Day 1 - 18 May 2026

- “Scrub Typhus Outbreak in Sagalee Block, Arunachal Pradesh, India, September 2023: An Emerging Zoonosis” - **Monya, M. et al.**
- “Host community traits driving Crimean-Congo hemorrhagic fever virus maintenance in Iberian ecosystems” - **Xavier, P. et al.**
- “Arbovirus monitoring in field collected mosquitoes in Emilia-Romagna (Italy, 2025)” - **Calzolari, M. et al.**
- “Higher rates of Shiga toxin-producing E. coli (STEC) detection in groundwater wells associated with increasingly “vulnerable” hydrogeological settings” - **Burke, L. et al.**
- “Antimicrobial resistance of public health relevance in wild ungulates of Andalusia, southern Spain” - **Sacristan, C. et al.**
- “Living Soil, Biochar and Syntropic Agroforestry as Practical One Health Solutions in Rural Guinea” - **Diallo, B. T. et al.**
- “Impacts of Climate Change and Population Growth on Campylobacteriosis and Salmonellosis in England and Wales” - **Lo Iacono, G. et al.**

18.30h - 20.00h

WELCOME SPANISH WINE

## Day 2 - 19 May 2026

### SESSION 2

### Research Topics at the Frontiers of One Health

09.00h - 09.30h

#### KEYNOTE LECTURE 2

**Bruno González Zorn**, Professor and Head of the Antimicrobial Resistance Unit (ARU) at the Complutense University in Madrid, a multidisciplinary laboratory he founded in 2005 and has brought One Health to the forefront of research on antimicrobial resistance.

09.30h - 10.45h

#### SESSION 2

#### Selected oral presentations-Main Hall- AMR

- “Shared genes, different pressures: environmental AMR landscapes in Spain and Switzerland” - **Gionchetta, G. et al.**
- “Divergent antimicrobial resistance trajectories across US food production and human clinical settings revealed by time-series and cross-correlation analysis” - **Carreño Gútiérrez, M. et al.**
- “Nationwide Prevalence, Virulence, and AMR of Shiga toxin-producing Escherichia coli in Slaughtered camels, sheep, and goats in Saudi Arabia” - **Aljasir, S. et al.**
- “Metagenomic deep learning to support dissemination risk assessment of antimicrobial resistance genes” - **Hu, K. et al.**

**ePoster Exhibition – Permanent display in the main hall**

## Day 2 - 19 May 2026

- “Modeling the evolutionary trajectories of antimicrobial resistance genes and donor-recipient interactive networks underlying their transmission” - **Kotetishvili, M. et al.**

### Selected oral presentations- Parallel Hall- Viral Pathogens

- “Temperature-Curve Signals to Guide West Nile Virus Preparedness” - **Barbić, L. et al.**
- “Strong1H: filling the gaps in surveillance of zoonotic influenza viruses and West Nile Virus in the Netherlands” - **Lempens, P. et al.**
- “Comparative pathogenicity and host competence of Spanish West Nile virus strains in animal models” - **Llorente, F. et al.**
- “Hepatitis E in Serbia – The Human-Animal Interface Within a One Health Framework” - **Lupulović, D. et al.**
- “From Field to Facility: A Practical Solution for Advancing One Health Rabies Surveillance” - **Seetahal, J. et al.**

10.40h – 11.15h

COFFEE BREAK

### SESSION 2

#### Selected oral presentations – Main Hall-Miscellaneous

- “Exploring airborne resistomes in two Japanese cities through PacBio long-read metagenomic sequencing” - **Ekhlas, D. et al.**
- “Evaluation of routine One Health WGS-based surveillance of Salmonella Enteritidis and Typhimurium in the Netherlands” - **Kerkvliet, J. et al.**
- “Salmonella transmission dynamics in a pig slaughterhouse” - **Bloem, H. et al.**
- “Changes in soil microbiota after the application of five organic wastes” - **Alija Novo, N. et al.**
- “Bio-resonance and frequency-dependent resilience in the mouse gut microbiome” - **Gardner, B. et al.**
- “Fish as bioindicators for monitoring aquatic ecosystem health status in a One Health perspective” - **Ossola, M. et al.**
- “Integrating Aquamation and Composting for Sustainable One Health Management of Animal Waste in Arid Contexts” - **Barsi, F. et al.**

11.15h – 13.00h

#### Selected oral presentations – Parallel Hall-AMR

- “Monitoring antimicrobial resistance in aquatic environments using wild coypu (*Myocastor coypus*) as sentinels: An Enterococcus-based approach” - **Massella, E. et al.**
- “Shotgun metagenomics of four Irish Integrated Constructed Wetlands reveals microbial dynamics in wastewater treatment” - **Tumeo, A. et al.**
- “Metagenomic Evidence for Localised Clinically Relevant ARG Hotspots Along a Coastal Wastewater-to-Beach Gradient” - **Sanchez-Carrillo, S. et al.**

ePoster Exhibition – Permanent display in the main hall

## Day 2 - 19 May 2026

- “A One Health Approach into Aliarcobacter AMR Dynamics: A Comparative Analysis of MAGs and Isolates Across the Urban Wastewater System” - **Fornés Pérez, A. et al.**
- “Association between veterinary antimicrobial sales data and antimicrobial resistance in commensal and 3GCR Escherichia coli in Spanish livestock” - **Serna, C. et al.**
- “Free-living amoebae as vectors of antimicrobial resistance in the agricultural environment: FLA microbiome and resistome in regenerated sludge” - **Machí Camacho, C. et al.**

13.00h – 14.30h

LUNCH/NETWORKING

### SESSION 3

### Innovative Solutions for One Health Challenges

14.30h – 15.00h

#### KEYNOTE LECTURE 3

**Isabella Monne**, IZSVe – WOA/FAO Reference Centres for Avian Influenza and Newcastle Disease.

#### SESSION 3

#### Selected oral presentations – Main Hall-Miscellaneous

- “Global Pathogen Analysis Platform” - **Wegener, H. C. et al.**
- “Pandemic Preparedness by Pathogen Detection (P3Dx): high-throughput central testing workflow using self-sampling and isothermal detection” - **Bordes, L. et al.**
- “Bacteriophage-Powered One Health Solutions for Safer Agri-Food Systems” - **Jimenez, E. et al.**
- “A rapid tool to assess the risk of emerging zoonotic signals at the human-animal interface” - **Vlaanderen, F. et al.**
- “DatOHs: A modular data ecosystem for interoperable One Health surveillance and risk assessment” - **Hernández Jiménez, F. et al.**
- “Evaluation of trained immunity induction by dpB in human monocytes” - **Sánchez Morales, L. et al.**

15.00h – 16.30h

#### Selected oral presentations – Parallel Hall- Miscellaneous

- “SMART-E: A Spatial Digital Framework for Standardized Environmental AMR Surveillance” - **Ibanez-Porras, P. et al.**
- “Antimicrobial Resistance by metaGenomics Overview in a Sewage system (ARGOS)” - **Lopez-Maroto, V. et al.**
- “Organo-Functionalized Polyoxometalate Materials as Multifunctional Platforms for Antimicrobial Control and Environmental Remediation in a One Health Framework” - **Mitchell, S. et al.**
- “Sensitivity analysis of factors influencing the ecology of mosquitoes involved in the transmission of Rift Valley fever virus” - **Furber, J. et al.**

**ePoster Exhibition – Permanent display in the main hall**

## Day 2 - 19 May 2026

	<ul style="list-style-type: none"> <li>- “Silencing Pathogens: Anti-Quorum Sensing Antibodies to Control <i>Pseudomonas aeruginosa</i> Pathogenicity” - <b>Posvai, T. et al.</b></li> </ul>
16.30h – 17.00h	COFFEE BREAK
17.00h – 18.00h	<p><b>PANEL DISCUSSION / ROUND TABLE 2.</b>  <b>Scaling Up One Health Solutions: From Research to Real-World Impact</b></p> <p><b>CHAIR: Pablo Hervás</b>, Vice-president of the Foundation Vet+i - Spanish Technology Platform for Animal Health</p> <p><b>PANELLISTS:</b> Diana Teixeira (Animal Health Europe), Isabel Masip (VIT-CSIC), José Miguel Rubio Muñoz (Director of the National Centre for Microbiology, ISCIII, Spain), Isabella Monne (IZSVE – WOAHA/FAO Reference Centres for Avian Influenza and Newcastle Disease), Bruno González Zorn (Head of the Antimicrobial Resistance Unit, UCM).</p>
20.00h	<p>CONGRESS NETWORKING DINNER (Optional)  <a href="#">Picalagartos</a>, Gran Vía 21 (28013)</p>

## Day 3 - 20 May 2026

### SESSION 4

#### Session 4: Science for Policy and Society

09.00h – 09.30h	<p><b>KEYNOTE LECTURE 4</b>  <b>Roser Domenech</b>, Director for One Health, DG SANTE (European Commission)</p>
09.30h-10.45h	<p><b>SESSION 4</b>  <b>Selected oral presentations</b></p> <ul style="list-style-type: none"> <li>- “EU-JAMRAI 2: Fostering the integration of environmental approaches to strengthen a One Health response to antimicrobial resistance in Europe” - <b>Laburu-Dañobeitia, A. et al.</b></li> <li>- “Alternatives to Antimicrobials in Sub-Saharan Africa: A Regional Review of Evidence, Innovation Pathways, and Policy Trajectories” - <b>Eltholth, M. et al.</b></li> <li>- “Towards cross-border Vector Surveillance from the Mediterranean to the Alps: A Technical Approach to Harmonization” - <b>Kovacs, B. et al.</b></li> </ul>

**ePoster Exhibition – Permanent display in the main hall**

Day 3 - 20 May 2026	
	<ul style="list-style-type: none"> <li>- “OneHealthSecure project: multisectoral cooperation for sustainable vector-borne disease prevention and response in the Mediterranean, Black Sea and Sahel regions” - <b>Jiménez-Clavero, M. A. et al.</b></li> <li>- “Equity and inclusivity as determinants of prevention effectiveness in PREZODE” - <b>Leger, E. et al.</b></li> </ul>
10.45h – 11.15h	COFFEE BREAK
11.15h – 11.45h	<p><b>KEYNOTE LECTURE: Advancing One Health in Europe: an EU agency perspective on evidence, approach and practice.</b></p> <p><b>Ole Heuer</b>, Head of Unit for One Health Related Diseases at the European Centre for Disease Prevention and Control (ECDC)</p>
11.45h – 12.00h	<p><b>Presentation of PEITHO – Platform for European Interdisciplinary, Transdisciplinary, Holistic One Health</b></p> <p><b>Ludovico Sepe</b>, European One Health Association (EOHA) – German Federal Institute for Risk Assessment (BfR)</p>
12.00h – 13.00h	<p><b>PANEL DISCUSSION / ROUND TABLE 3.</b></p> <p><b>Turning Evidence into Action: How to Make Science Matter in Policy</b></p> <p><b>CHAIR: Pika Jokelainen, Head of One Health and International Collaborations at Statens Serum Institut (Denmark)</b></p> <p><b>PANELLISTS:</b> Enrique Navarro (International relations of the Science in Parliament platform, Spain), Maite Martín Ibañez (President of the One Health Platform, Spain and Professor at the Veterinary Faculty of the Universitat Autònoma de Barcelona)), Marie-Cécile Ploy (Coordinator of EU-JAMRAI project, Limoges university, France), Ole Heuer (Head of Unit for One Health Related Diseases at the European Centre for Disease Prevention and Control -ECDC), Elsa Dibongue, General secretary of PREZODE, Ariane Vander Stappen, Head of Unit-One Health, Antimicrobial Resistance, DG SANTE, European Commission</p>
13.00h – 13.30h	<b>BEST POSTER AWARDS / CLOSING CEREMONY</b>
13.30h	LUNCH (Take away)

**ePoster Exhibition – Permanent display in the main hall**